

CLAIMS

1. A foldable mobile communication terminal comprising:

5 an upper case including a control section, a display, a RF communication section, an I/O section and a vibrator section of which a function block is mounted on a hard board are arranged; and

10 a lower case including a operation section and a battery of which a function block is mounted on the key board.

2. A foldable mobile communication terminal according to claim 1,

15 wherein the display arranged and accommodated in the upper case comprises a liquid crystal display,

wherein a menu selecting section for selecting a menu by navigating through the menu system displayed on the display is disposed in the vicinity of lower side of the display.

20 3. A foldable mobile communication terminal according to claim 1,

wherein the key board arranged and accommodated in the lower case is a flexible board,

25 wherein said the flexible board is shared its use with the connecting board for connecting the upper case and the lower case.

4. A foldable mobile communication terminal according to claim 1, wherein a battery terminal, a microphone, a key diaphragm, and a LED for keys are all mounted on the same surface of the flexible board and folded or turned down before storing in the lower case.

5. A foldable mobile communication terminal according to claim 1, wherein the microphone is mounted in an inclined state on the lower side of the lower case at the position close to the mouth so as to receive the sound from the speaker directly while in use.

6. A foldable mobile communication terminal according to claim 1, wherein a view port is provided on the lower case whereby the displayed contents on the display can be seen in the folded state.

7. A foldable mobile communication terminal according to claim 6, wherein the view port is disposed between the microphone and the operation section.

8. A foldable mobile communication terminal according to claim 6 or claim 7, wherein a transparent plate is mounted on the view port.

9. A foldable mobile communication terminal according

to claim 8, wherein the transparent plate is given a lens function.

10. A foldable mobile communication terminal according  
5 to claim 1, wherein the portion of the upper case and the lower case in the vicinity of the portion being mechanically connected with respect to each other is formed in a narrower configuration than the remaining portion.

10 11. A foldable mobile communication terminal comprising:

an upper case including a control section, a display, and the RF communication section of which the function blocks are mounted on the hard board ; and

15 a lower case including a operation section, the I/O connector, the vibrator and the battery of which the function blocks are mounted on the key board.

20 12. A foldable mobile communication terminal according to claim 11,

wherein the flexible board is used as the keyboard arranged and accommodated in the lower case,

wherein the flexible board is shared its use with the connecting board connecting the upper case and the lower case.

25 13. A foldable mobile communication terminal according to claim 11, wherein the components such as the battery terminal,

the vibrator, the microphone, the buzzer, the key diaphragm, and the LED for keys are all mounted on the same surface of the flexible board and folded or turned down before storing in the lower case.

14. A foldable mobile communication terminal according to claim 11, wherein the portion of the upper case and the lower case near the portion being mechanically connected with respect to each other formed in a narrower configuration than the remaining portion.

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